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|--|---|-------------------|--|---|--|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | | | 1 11 | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| P00061 | | See Block 16C | | See Schedule | | | |
| 6. ISSUED BY | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| CPOD | | | | | | | |
| US Environmental Protection Agency | | | | | | | |
| 26 West Martin Luther King Drive | | | | | | | |
| Mail Code: NWD | | | | | | | |
| Cincinnati OH 45268 | | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (X) | | 9A. AMENDMENT OF SOLICITATION NO. | |
| JACOBS TECHNOLOGY INC. | | | | | | | |
| Attn: Jeff Foster | | | | | | 9B. DATED (SEE ITEM 11) | |
| 600 WILLIAM NORTHERN BLVD. | | | | | | | |
| P.O. BOX 884 | | | | | | | |
| TULLAHOMA TN 373880884 | | | | X | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | |
| | | | | | | EP-C-15-008 | |
| | | | | | | 10B. DATED (SEE ITEM 13) | |
| | | | | | | 03/20/2015 | |
| CODE 007923014 | | FACILITY CODE | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | Net Increase: | | \$1,462,677.98 | |
| See Schedule | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | |
| X | D. OTHER (Specify type of modification and authority) Unilateral - Limitation of Funds, Estimated Cost | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| DUNS Number: 007923014 | | | | | | | |
| Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina | | | | | | | |
| Max Expire Date: 09/30/2019 | | | | | | | |
| The purpose of this modification is to exercise five (5) Quantity Options under Option Period 3, and to add Incremental Funding to Option Period 3, as detailed below. Except for these changes, all other contract terms and conditions remain unchanged. | | | | | | | |
| 1) The following Cost/Price Schedule modifications have been made: | | | | | | | |
| Five (5) optional quantities of 5,000 hours each are hereby exercised for Option Period 3. | | | | | | | |
| Continued ... | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 09/11/2018 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00061PAGE OF
2 11NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>The quantity amount is now 125,000 hours, and the optional amount is now 75,000 hours. Each of the five (5) exercised options are priced at a total CPFF value of \$318,512.25, including (b)(4) for Estimated Cost and (b)(4) for Fixed Fee.</p> <p>2) The following Contract Totals modifications have been made:</p> <p>The exercised optional quantities listed above, with the Cost/Price Schedule changes, caused the Estimated Cost amount and Optional amounts to be modified for Option Period 3. The Estimated Cost amount is now (b)(4) and the Optional amount is now (b)(4)</p> <p>The exercised optional quantities listed above, with the Cost/Price Schedule changes, caused the Fixed Fee amount and the Optional amount to be modified for Option Period 3. The Fixed Fee amount is now (b)(4) and the Optional amount is now (b)(4)</p> <p>3) The Section B clause entitled LEVEL OF EFFORT--COST REIMBURSEMENT TERM CONTRACT (EPAAR 1552.211-73) (APR 1984) DEVIATION has been modified as follows:</p> <p>(a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Government will order 125,000 direct labor hours for Option Period 3 which represents the Governments best estimate of level of effort required to fulfill these requirements.</p> <p>4) The Section B clause entitled ESTIMATED COST AND FIXED FEE (EP 52.216-90) (APR 1984) has been modified as follows:</p> <p>(a) The estimated cost of this contract is (b)(4)</p> <p>(b) The fixed fee is (b)(4)</p> <p>(c) The total estimated CPFF is \$15,250,220.30</p> <p>5) The Section B clause entitled LIMITATION OF FUNDS NOTICE has been modified as follows:</p> <p>OPTION PERIOD 3</p> <p>Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-15-008/P00061 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover the estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractors performance through 03/22/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>See Recap Sheet</p> <p>LIST OF CHANGES:</p> <p>Obligated Amount for this Modification: \$1,462,677.98</p> <p>CHANGES FOR LINE ITEM NUMBER: 4LOE</p> <p>Quantity changed from 100000 to 125000</p> <p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this Modification: \$1,462,677.98</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-264B000-000F72XPC-2532-26A6A-18264BE051-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 264B000 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 18264BE051-001 Quantity: 0 Amount: \$250,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UE000-000FK6XR2-2532-26A6A-1826UEE092-001 Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 4 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UE000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEE092-001 Quantity: 0 Amount: \$25,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A6A-1826CFE058-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE058-001 Quantity: 0 Amount: \$65,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UE000-000FK6XR1-2532-26A6A-1826UEE109-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UE000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEE109-001 Quantity: 0 Amount: \$30,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR1-2532-26A6A-1826CFE063-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Continued ... | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 5 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE063-001 Quantity: 0 Amount: \$50,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR1-2532-26A6A-1826CFE064-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE064-001 Quantity: 0 Amount: \$65,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR1-2532-26A5C-1826CFE064-002 2 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE064-002 Quantity: 0 Amount: \$43,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A6A-1826CFE064-003 3 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Continued ... | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 6 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE064-003 Quantity: 0 Amount: \$10,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A5C-1826CFE052-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE052-001 Quantity: 0 Amount: \$37,500.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A6A-1826CFE052-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE052-002 Quantity: 0 Amount: \$10,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-264R000-000F72-2532-26A6A-18264RE013-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 264R000 Program (PRC) 000F72 Budget (BOC) 2532 Job # (Site/Project) Continued ... | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 7 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>Cost Organization 26A6A DCN-LineID 18264RE013-001 Quantity: 0 Amount: \$50,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-264B000-000F72XPC-2532-26A5C-18264BE056-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 264B000 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 18264BE056-001 Quantity: 0 Amount: \$20,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UE000-000FK8XPW-2532-26A6A-1826UEE096-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UE000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEE096-001 Quantity: 0 Amount: \$45,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UE000-000FK9-2532-26A6A-1826UEE096-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UE000 Program (PRC) 000FK9 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEE096-002 Quantity: 0 Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 8 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>Amount: \$30,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26US000-000FK8-2532-26A6A-1826USE058-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26US000 Program (PRC) 000FK8 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826USE058-001 Quantity: 0 Amount: \$38,458.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26US000-000FK8XPW-2532-26A6A-1826USE058-002 2 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26US000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826USE058-002 Quantity: 0 Amount: \$21,971.98</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UE000-000FK6XR1-2532-26A6A-1826UEE105-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UE000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEE105-001 Quantity: 0 Amount: \$10,886.00</p> <p>NEW ACCOUNTING CODE ADDED: Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 9 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Account code: 18-19-C-2660000-000FK9XR6-2532-26A6A-182660E059-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 2660000 Program (PRC) 000FK9XR6 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 182660E059-001 Quantity: 0 Amount: \$350,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UE000-000FK8XPW-2532-26A6A-1826UEE117-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UE000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEE117-001 Quantity: 0 Amount: \$117,862.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A6A-1826CFE060-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE060-001 Quantity: 0 Amount: \$50,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A6A-1826CFE057-001 Continued ... | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00061 | 10 | 11 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>1</p> <p>Beginning FiscalYear 18</p> <p>Ending Fiscal Year 19</p> <p>Fund (Appropriation) C</p> <p>Budget Organization 26CF000</p> <p>Program (PRC) 000FK6XR2</p> <p>Budget (BOC) 2532</p> <p>Job # (Site/Project)</p> <p>Cost Organization 26A6A</p> <p>DCN-LineID 1826CFE057-001</p> <p>Quantity: 0</p> <p>Amount: \$143,000.00</p> <p>Delivery: 03/31/2019</p> <p>Delivery Location Code: CPOD</p> <p>CPOD</p> <p>US Environmental Protection Agency</p> <p>26 West Martin Luther King Drive</p> <p>Mail Code: NWD</p> <p>Cincinnati OH 45268 USA</p> <p>Payment:</p> <p>RTP Finance Center</p> <p>US Environmental Protection Agency</p> <p>RTP-Finance Center (AA216-01)</p> <p>109 TW Alexander Drive</p> <p>www2.epa.gov/financial/contracts</p> <p>Durham NC 27711</p> | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Total Funded | | | \$8,756,738.17 |
| Total Per Contract | | | \$8,994,566.25 |
| Balance Unfunded | | | \$237,828.08 |

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| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | | | 1 6 | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| P00062 | | See Block 16C | | See Schedule | | | |
| 6. ISSUED BY | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| CPOD | | | | | | | |
| US Environmental Protection Agency | | | | | | | |
| 26 West Martin Luther King Drive | | | | | | | |
| Mail Code: NWD | | | | | | | |
| Cincinnati OH 45268 | | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (x) | | 9A. AMENDMENT OF SOLICITATION NO. | |
| JACOBS TECHNOLOGY INC. | | | | | | | |
| Attn: Jeff Foster | | | | | | 9B. DATED (SEE ITEM 11) | |
| 600 WILLIAM NORTHERN BLVD. | | | | | | | |
| P.O. BOX 884 | | | | | | | |
| TULLAHOMA TN 373880884 | | | | x | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | |
| | | | | | | EP-C-15-008 | |
| | | | | | | 10B. DATED (SEE ITEM 13) | |
| | | | | | | 03/20/2015 | |
| CODE 007923014 | | FACILITY CODE | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | Net Increase: | | \$231,285.00 | |
| See Schedule | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | |
| X | D. OTHER (Specify type of modification and authority) FAR 52.232-22, Limitation of Funds | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| DUNS Number: 007923014 | | | | | | | |
| Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina | | | | | | | |
| Max Expire Date: 09/30/2019 | | | | | | | |
| 1) The purpose of this Modification is to provide incremental funding for Option Period 3. See attached Recapitulation of Funds sheet for details, as well as the below. | | | | | | | |
| 2) Except for this change, all other contract terms and conditions remain unchanged. | | | | | | | |
| OPTION PERIOD 3 | | | | | | | |
| Continued ... | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 09/20/2018 | |
| NSN 7540-01-152-8070 | | | | STANDARD FORM 30 (REV. 10-83) | | | |
| Previous edition unusable | | | | Prescribed by GSA | | | |
| | | | | FAR (48 CFR) 53.243 | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00062PAGE OF
2 6NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is obligated from estimated cost. Funds in the amount of (b)(4) are provided to cover the corresponding increment of fixed fee. The total cost plus fixed fee obligated is \$231,285.00. The amount allotted for costs is estimated to cover the contractors performance through 3/31/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$231,285.00</p> <p>Obligated Amount for this Modification: \$231,285.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this Modification: \$231,285.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 17-18-CR-26UEX84-102FK6XR2-2532-26A6A-1826UEEX19-001 Beginning FiscalYear 17 Ending Fiscal Year 18 Fund (Appropriation) CR Budget Organization 26UEX84 Program (PRC) 102FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826UEEX19-001 Quantity: 0 Amount: \$76,285.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPV-2532-26A5C-1826CFE067-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Continued ...</p> | | | | |

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|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00062 | 3 | 6 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Budget Organization 26CF000 Program (PRC) 000FK8XPV Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE067-001 Quantity: 0 Amount: \$47,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-50H-000E62-2532-1850A8E041-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 50H Program (PRC) 000E62 Budget (BOC) 2532 Job # (Site/Project) Cost Organization DCN-LineID 1850A8E041-001 Quantity: 0 Amount: \$21,500.00 NEW ACCOUNTING CODE ADDED: Account code: 18-T-50H-000E62-2532-1850A8E041-002 Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) T Budget Organization 50H Program (PRC) 000E62 Budget (BOC) 2532 Job # (Site/Project) HQ00GE00 Cost Organization DCN-LineID 1850A8E041-002 Quantity: 0 Amount: \$3,500.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPW-2532-26A5C-1826CFE070-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Continued ... | | | | |

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|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00062 | 4 | 6 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Cost Organization 26A5C DCN-LineID 1826CFE070-001 Quantity: 0 Amount: \$70,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A6A-1826CFE066-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1826CFE066-001 Quantity: 0 Amount: \$10,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-B-53G2-000A46-2505-1853GP8035-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) B Budget Organization 53G2 Program (PRC) 000A46 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1853GP8035-001 Quantity: 0 Amount: \$3,000.00</p> <p>Delivery: 03/31/2019 Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA</p> <p>Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Modification P00062 | | | 231,285.00 |
| Total Funded | | | \$8,988,023.17 |
| Total Per Contract | | | \$8,994,566.25 |
| Balance Unfunded | | | \$6,543.08 |

| | | | | | | | |
|--|---|-------------------|--|---|--|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | | | 1 9 | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| P00063 | | See Block 16C | | See Schedule | | | |
| 6. ISSUED BY | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| CPOD | | | | | | | |
| US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 | | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (x) | | | |
| JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 | | | | 9A. AMENDMENT OF SOLICITATION NO. | | | |
| | | | | 9B. DATED (SEE ITEM 11) | | | |
| | | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | | | |
| | | | | 10B. DATED (SEE ITEM 13) 03/20/2015 | | | |
| CODE 007923014 | | FACILITY CODE | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | Net Increase: | | \$933,227.68 | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | |
| X | D. OTHER (Specify type of modification and authority) Unilateral - Limitation of Funds, Estimated Cost | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 09/30/2019 The purpose of this modification is to exercise four (4) Quantity Options under Option Period 3, and to add Incremental Funding to Option Period 3, as detailed below. Except for these changes, all other contract terms and conditions remain unchanged. 1) The following Cost/Price Schedule modifications have been made: Four (4) optional quantities of 5,000 hours each are hereby exercised for Option Period 3. Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 10/10/2018 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00063PAGE OF
2 9NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>The quantity amount is now 145,000 hours, and the optional amount is now 55,000 hours. Each of the four (4) exercised options are priced at a total CPFF value of \$318,512.25, including (b)(4) for Estimated Cost and (b)(4) for Fixed Fee.</p> <p>2) The following Contract Totals modifications have been made:</p> <p>The exercised optional quantities listed above, with the Cost/Price Schedule changes, caused the Estimated Cost amount and Optional amounts to be modified for Option Period 3. The Estimated Cost amount is now (b)(4) and the Optional amount is now (b)(4)</p> <p>The exercised optional quantities listed above, with the Cost/Price Schedule changes, caused the Fixed Fee amount and the Optional amount to be modified for Option Period 3. The Fixed Fee amount is now (b)(4) and the Optional amount is now (b)(4)</p> <p>3) The Section B clause entitled LEVEL OF EFFORT--COST REIMBURSEMENT TERM CONTRACT (EPAAR 1552.211-73) (APR 1984) DEVIATION has been modified as follows:</p> <p>(a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Government will order 145,000 direct labor hours for Option Period 3 which represents the Governments best estimate of level of effort required to fulfill these requirements.</p> <p>4) The Section B clause entitled ESTIMATED COST AND FIXED FEE (EP 52.216-90) (APR 1984) has been modified as follows:</p> <p>(a) The estimated cost of this contract is (b)(4)</p> <p>(b) The fixed fee is (b)(4)</p> <p>(c) The total estimated CPFF is \$16,414,732.96</p> <p>5) The Section B clause entitled LIMITATION OF FUNDS NOTICE has been modified as follows:</p> <p>OPTION PERIOD 3</p> <p>Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00063 | 3 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover the estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractors performance through 3/17/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>See Recap Sheet</p> <p>LIST OF CHANGES:</p> <p>Obligated Amount for this Modification: \$933,227.68</p> <p>CHANGES FOR LINE ITEM NUMBER: 4LOE</p> <p>Quantity changed from 125000 to 145000</p> <p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this Modification: \$933,227.68</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-T-72G-000DD2-2588-1872GE5054-001 Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) T Budget Organization 72G Program (PRC) 000DD2 Budget (BOC) 2588 Job # (Site/Project) HQ00BM00 Cost Organization DCN-LineID 1872GE5054-001 Quantity: 0 Amount: \$5,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR1-2532-26A5C-1826CFE079-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Continued ...</p> | | | | |

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|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00063 | 4 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE079-001 Quantity: 0 Amount: \$6,911.74 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8-2532-26A5C-1826CFE079-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE079-002 Quantity: 0 Amount: \$3,600.16 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPV-2532-26A5C-1826CFE079-003 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPV Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE079-003 Quantity: 0 Amount: \$13,215.27 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPW-2532-26A5C-1826CFE079-004 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPW Continued ... | | | | |

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|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00063 | 5 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1826CFE079-004 Quantity: 0 Amount: \$.51 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26UU000-000FK9XR5-2532-26A5D-1826UUE164-001 1 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26UU000 Program (PRC) 000FK9XR5 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5D DCN-LineID 1826UUE164-001 Quantity: 0 Amount: \$27,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-50H-000E62-2532-1850A8E046-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 50H Program (PRC) 000E62 Budget (BOC) 2532 Job # (Site/Project) Cost Organization DCN-LineID 1850A8E046-001 Quantity: 0 Amount: \$17,200.00 NEW ACCOUNTING CODE ADDED: Account code: 18-T-50H-000E62-2532-1850A8E046-002 Beginning FiscalYear 18 Ending Fiscal Year Fund (Appropriation) T Budget Organization 50H Program (PRC) 000E62 Budget (BOC) 2532 Job # (Site/Project) HQ00GE00 Cost Organization DCN-LineID 1850A8E046-002 Continued ... | | | | |

| | | | |
|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00063 | 6 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Quantity: 0 Amount: \$2,800.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-264B000-000F72XPC-2532-26A6A-18264BE064-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 264B000 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 18264BE064-002 Quantity: 0 Amount: \$77,500.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-264B000-000F72-2532-26A6A-18264BE064-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 264B000 Program (PRC) 000F72 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 18264BE064-001 Quantity: 0 Amount: \$260,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-2660000-000FK8XPW-2509-26A5B-182660E064-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 2660000 Program (PRC) 000FK8XPW Budget (BOC) 2509 Job # (Site/Project) LSMD0000 Cost Organization 26A5B DCN-LineID 182660E064-001 Quantity: 0 Amount: \$208,000.00</p> <p>Continued ...</p> | | | | |

| | | | |
|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00063 | 7 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-2660000-000FK7XR4-2509-26A5B-182660E064-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 2660000 Program (PRC) 000FK7XR4 Budget (BOC) 2509 Job # (Site/Project) LSMD0000 Cost Organization 26A5B DCN-LineID 182660E064-002 Quantity: 0 Amount: \$208,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-2660000-000FK8XPW-2509-26A5B-182660E064-003 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 2660000 Program (PRC) 000FK8XPW Budget (BOC) 2509 Job # (Site/Project) LSMDSC00 Cost Organization 26A5B DCN-LineID 182660E064-003 Quantity: 0 Amount: \$52,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-2660000-000FK7XR4-2509-26A5B-182660E064-004 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 2660000 Program (PRC) 000FK7XR4 Budget (BOC) 2509 Job # (Site/Project) LSMM0000 Cost Organization 26A5B DCN-LineID 182660E064-004 Quantity: 0 Amount: \$52,000.00</p> <p>Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
 JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Delivery: 03/31/2019 Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Modification P00062 | | | 231,285.00 |
| Modification P00063 | | | 933,227.68 |
| Total Funded | | | \$9,921,250.85 |
| Total Per Contract | | | \$10,330,421.05 |
| Balance Unfunded | | | \$409,170.20 |

| | | | | | |
|--|--|---|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 3 | |
| 2. AMENDMENT/MODIFICATION NO. P00064 | | 3. EFFECTIVE DATE See Block 16C | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY CP0D US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 | | 7. ADMINISTERED BY (If other than Item 6) CODE | | 5. PROJECT NO. (If applicable) | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 | | (x) | | 9A. AMENDMENT OF SOLICITATION NO. | |
| CODE 007923014 | | FACILITY CODE | | 9B. DATED (SEE ITEM 11) | |
| | | x | | 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | |
| | | | | 10B. DATED (SEE ITEM 13) 03/20/2015 | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | |
| CHECK ONE | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | |
| D. OTHER (Specify type of modification and authority) X Unilateral - Administrative | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 09/30/2019 1) The purpose of this Modification is to issue a revised Recapitulation of Funds sheet, as attached, due to an erroneous Estimated Cost value recorded in the "Total Per Contract" line via Modification P00063. This erroneous value also caused the "Total Per Contract" Cost Plus Fixed Fee value to be incorrect, as well as the "Balance Unfunded" Estimated Cost to be incorrect. As a result, this Modification (P00064) corrects these values. These changes are administrative in nature, insofar that no new obligation or deobligation is issued by this Modification. Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | |
| | | | Keith Pfeffer | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | |
| (Signature of person authorized to sign) | | | | 16C. DATE SIGNED | |
| | | | | 10/17/2018 | |

NAME OF OFFEROR OR CONTRACTOR
 JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>2) Except for the changes described above, as recorded in the attached Recapitulation of Funds sheet, all other contract terms and conditions remain unchanged.</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$0.00</p> <p>New Total Amount for this Version: \$0.00</p> <p>Payment:</p> <p>RTP Finance Center US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive Durham NC 27711</p> | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Modification P00062 | | | 231,285.00 |
| Modification P00063 | | | 933,227.68 |
| Modification P00064 | | | 0.00 |
| Total Funded | | | \$9,921,250.85 |
| Total Per Contract | | | \$10,268,615.25 |
| Balance Unfunded | | | \$347,364.40 |

| | | | | | | | |
|---|---|------------------------------------|--|---|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | 1 | | 5 | |
| 2. AMENDMENT/MODIFICATION NO. P00065 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. See Schedule | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 | | CODE CAD | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 CODE 007923014 FACILITY CODE | | | | (x) | | 9A. AMENDMENT OF SOLICITATION NO. | |
| | | | | | | 9B. DATED (SEE ITEM 11) | |
| | | | | x | | 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | |
| | | | | | | 10B. DATED (SEE ITEM 13) 03/20/2015 | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | Net Increase: | | \$154,067.46 | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | |
| X | D. OTHER (Specify type of modification and authority) FAR 52.232-22, Limitation of Funds | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 09/30/2019 1) The purpose of this Modification is to provide incremental funding for Option Period 3. See attached Recapitulation of Funds sheet for details, as well as the below. 2) Except for this change, all other contract terms and conditions remain unchanged. OPTION PERIOD 3 Continued ... | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 11/14/2018 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00065PAGE OF
2 5NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is obligated from estimated cost. Funds in the amount of (b)(4) are provided to cover the corresponding increment of fixed fee. The total cost plus fixed fee obligated is \$154,067.46. The amount allotted for costs is estimated to cover the contractors performance through 3/25/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$154,067.46</p> <p>Obligated Amount for this Modification: \$154,067.46</p> <p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this Modification: \$154,067.46</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8-2532-26A5C-1926CFE003-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE003-001 Quantity: 0 Amount: \$31,897.39</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK9-2532-26A5C-1926CFE003-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK9 Budget (BOC) 2532 Continued ...</p> | | | | |

| | | | |
|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00065 | 3 | 5 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Job # (Site/Project)</p> <p>Cost Organization 26A5C</p> <p>DCN-LineID 1926CFE003-002</p> <p>Quantity: 0</p> <p>Amount: \$12,170.07</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>18-19-C-26CF000-000FK8-2532-26A5C-1926CFE002-002</p> <p>Beginning FiscalYear 18</p> <p>Ending Fiscal Year 19</p> <p>Fund (Appropriation) C</p> <p>Budget Organization 26CF000</p> <p>Program (PRC) 000FK8</p> <p>Budget (BOC) 2532</p> <p>Job # (Site/Project)</p> <p>Cost Organization 26A5C</p> <p>DCN-LineID 1926CFE002-002</p> <p>Quantity: 0</p> <p>Amount: \$90,000.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>19-20-C-26CF000-000FK9XR5-2532-26A5C-1926CFE004-001</p> <p>Beginning FiscalYear 19</p> <p>Ending Fiscal Year 20</p> <p>Fund (Appropriation) C</p> <p>Budget Organization 26CF000</p> <p>Program (PRC) 000FK9XR5</p> <p>Budget (BOC) 2532</p> <p>Job # (Site/Project)</p> <p>Cost Organization 26A5C</p> <p>DCN-LineID 1926CFE004-001</p> <p>Quantity: 0</p> <p>Amount: \$20,000.00</p> <p>Delivery: 03/31/2019</p> <p>Delivery Location Code: CPOD</p> <p>CPOD</p> <p>US Environmental Protection Agency</p> <p>26 West Martin Luther King Drive</p> <p>Mail Code: NWD</p> <p>Cincinnati OH 45268 USA</p> <p>Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Modification P00062 | | | 231,285.00 |
| Modification P00063 | | | 933,227.68 |
| Modification P00064 | | | 0.00 |
| Modification P00065 | | | 154,067.46 |
| Total Funded | | | \$10,075,318.31 |
| Total Per Contract | | | \$10,268,615.25 |
| Balance Unfunded | | | \$193,296.94 |

| | | | | | |
|--|--|---|---|---|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 3 | |
| 2. AMENDMENT/MODIFICATION NO. P00066 | | 3. EFFECTIVE DATE See Block 16C | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 | | 7. ADMINISTERED BY (If other than Item 6) CODE | | 5. PROJECT NO. (If applicable) | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 | | (x) | | 9A. AMENDMENT OF SOLICITATION NO. | |
| CODE 007923014 | | FACILITY CODE | | 9B. DATED (SEE ITEM 11) | |
| | | x | | 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | |
| | | | | 10B. DATED (SEE ITEM 13) 03/20/2015 | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | |
| CHECK ONE | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | |
| D. OTHER (Specify type of modification and authority) X Mutual Agreement of the Parties | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return 1 copies to the issuing office. | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 09/30/2019 1) The purpose of this Modification is to update Clause H-25 EPAAR 1552.237-72 KEY PERSONNEL. (APR 1984). Specifically, this Modification updates the "P4 Quality Assurance Officer," as requested by contractor e-mail dated 11/20/2018. 2) Except for the change identified above, as further detailed below, all other contract terms and conditions remain unchanged. Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Keith Pfeffer | | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) | |
| | | | | 16C. DATE SIGNED 11/27/2018 | |

CONTINUATION SHEET

 REFERENCE NO. OF DOCUMENT BEING CONTINUED
 EP-C-15-008/P00066

PAGE 2 OF 3

 NAME OF OFFEROR OR CONTRACTOR
 JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>Clause H-25 EPAAR 1552.237-72 KEY PERSONNEL. (APR 1984) is amended as follows:</p> <p>(a) The Contractor shall assign to this contract the following key personnel:</p> <p>P4 Program Manager: (b)(4)</p> <p>P4 Safety Officer: (b)(4)</p> <p>P4 Quality Assurance Officer: (b)(4)</p> <p>(b) During the first ninety (90) days of performance, the Contractor shall make no substitutions of key personnel unless the substitution is necessitated by illness, death, or termination of employment. The Contractor shall notify the Contracting Officer within 15 calendar days after the occurrence of any of these events and provide the information required by paragraph (c) of this clause. After the initial 90-day period, the Contractor shall submit the information required by paragraph (c) to the Contracting Officer at least 15 days prior to making any permanent substitutions.</p> <p>(c) The Contractor shall provide a detailed explanation of the circumstances necessitating the proposed substitutions, complete resumes for the proposed substitutes, and any additional information requested by the Contracting Officer. Proposed substitutes should have comparable qualifications to those of the persons being replaced. The Contracting Officer will notify the Contractor within 15 calendar days after receipt of all required information of the decision on substitutions. This Clause will be modified to reflect any approved changes of key personnel.</p> <p>Payment:</p> <p>RTP Finance Center US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive Durham NC 27711</p> | | | | |

| | | | | | | | |
|--|--|------------------------------------|---------------------|---|----------------------|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 4 | | |
| 2. AMENDMENT/MODIFICATION NO. P00067 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. See Schedule | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 | | CODE CAD | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 CODE 007923014 FACILITY CODE | | | | (x) | | | |
| | | | | 9A. AMENDMENT OF SOLICITATION NO. | | | |
| | | | | 9B. DATED (SEE ITEM 11) | | | |
| | | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | | | |
| | | | | 10B. DATED (SEE ITEM 13) 03/20/2015 | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | | | | |
| Net Increase: \$145,000.00 | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | | | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | | |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | | |
| D. OTHER (Specify type of modification and authority) X FAR 52.232-22, Limitation of Funds | | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 09/30/2019 1) The purpose of this Modification is to provide incremental funding for Option Period 3. See attached Recapitulation of Funds sheet for details, as well as the below. 2) Except for this change, all other contract terms and conditions remain unchanged. OPTION PERIOD 3 Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) | | 16C. DATE SIGNED 12/06/2018 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00067PAGE OF
2 4NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is obligated from estimated cost. Funds in the amount of (b)(4) are provided to cover the corresponding increment of fixed fee. The total cost plus fixed fee obligated is \$145,000.00. The amount allotted for costs is estimated to cover the contractors performance through 3/30/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>LIST OF CHANGES:</p> <p>Total Amount for this Modification: \$145,000.00</p> <p>Obligated Amount for this Modification: \$145,000.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this Modification: \$145,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-CR-2640X36-000F72XPC-2532-26A6A-19264BE007-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) CR Budget Organization 2640X36 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 19264BE007-001 Quantity: 0 Amount: \$75,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-B-53G6-000A46-2505-1953GP9009-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) B Budget Organization 53G6 Program (PRC) 000A46 Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-15-008/P00067 | PAGE | OF |
| | | 3 | 4 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1953GP9009-001 Quantity: 0 Amount: \$70,000.00 Delivery: 03/31/2019 Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Modification P00062 | | | 231,285.00 |
| Modification P00063 | | | 933,227.68 |
| Modification P00064 | | | 0.00 |
| Modification P00065 | | | 154,067.46 |
| Modification P00067 | | | 145,000.00 |
| Total Funded | | | \$10,220,318.31 |
| Total Per Contract | | | \$10,268,615.25 |
| Balance Unfunded | | | \$48,296.94 |

| | | | | | | | |
|--|---|-------------------|--|---|--|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | | | 1 9 | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| P00068 | | See Block 16C | | See Schedule | | | |
| 6. ISSUED BY | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| CAD | | | | | | | |
| US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 | | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (x) | | | |
| JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 | | | | | | | |
| | | | | 9A. AMENDMENT OF SOLICITATION NO. | | | |
| | | | | 9B. DATED (SEE ITEM 11) | | | |
| | | | | x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | | | |
| | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE 007923014 | | FACILITY CODE | | 03/20/2015 | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | Net Increase: | | \$408,568.29 | |
| See Schedule | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | |
| X | D. OTHER (Specify type of modification and authority) Unilateral -- Limitation of Funds, Estimated Cost | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 09/30/2019 The purpose of this Modification is to exercise three (3) Quantity Options under Option Period 3, and to add Incremental Funding to Option Period 3, as detailed below. Except for these changes, all other contract terms and conditions remain unchanged. | | | | | | | |
| 1) The following Cost/Price Schedule modifications have been made: | | | | | | | |
| Three (3) optional quantities of 5,000 hours each are hereby exercised for Option Period 3. | | | | | | | |
| Continued ... | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 12/20/2018 | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00068PAGE OF
2 9NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>The quantity amount is now 160,000 hours, and the optional amount is now 40,000 hours. Each of the three (3) exercised options are priced at a total CPFF value of \$318,512.25, including (b)(4) for Estimated Cost and (b)(4) for Fixed Fee.</p> <p>2) The following Contract Totals modifications have been made:</p> <p>The exercised optional quantities listed above, with the Cost/Price Schedule changes, caused the Estimated Cost amount and Optional amounts to be modified for Option Period 3. The Estimated Cost amount is now (b)(4) and the Optional amount is now (b)(4)</p> <p>The exercised optional quantities listed above, with the Cost/Price Schedule changes, caused the Fixed Fee amount and the Optional amount to be modified for Option Period 3. The Fixed Fee amount is now (b)(4) and the Optional amount is now (b)(4)</p> <p>3) The Section B clause entitled LEVEL OF EFFORT -- COST REIMBURSEMENT TERM CONTRACT (EPAAR 1552.211-73) (APR 1984) DEVIATION has been modified as follows:</p> <p>(a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Government will order 160,000 direct labor hours for Option Period 3 which represents the Governments best estimate of level of effort required to fulfill these requirements.</p> <p>4) The Section B clause entitled ESTIMATED COST AND FIXED FEE (EP 52.216-90) (APR 1984) has been modified as follows:</p> <p>(a) The estimated cost of this contract is (b)(4)</p> <p>(b) The fixed fee is (b)(4)</p> <p>(c) The total estimated CPFF is \$17,370,269.70</p> <p>5) The Section B clause entitled LIMITATION OF FUNDS NOTICE has been modified as follows:</p> <p>OPTION PERIOD 3 Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

EP-C-15-008/P00068

PAGE

OF

3

9

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover the estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractors performance through 3/12/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>See Recap Sheet</p> <p>LIST OF CHANGES:</p> <p>Obligated Amount for this Modification: \$408,568.29</p> <p>CHANGES FOR LINE ITEM NUMBER: 4</p> <p>Obligated Amount for this Modification: \$408,568.29</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR1-2532-26A5C-1926CFE013-001</p> <p>Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR1 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE013-001 Quantity: 0 Amount: \$55,530.25</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK7XR3-2532-26A5C-1926CFE012-001</p> <p>Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-15-008/P00068 | PAGE | OF |
| | | 4 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Program (PRC) 000FK7XR3 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE012-001 Quantity: 0 Amount: \$81,829.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPV-2532-26A5C-1926CFE012-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPV Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE012-002 Quantity: 0 Amount: \$18,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8-2532-26A5C-1926CFE012-003 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE012-003 Quantity: 0 Amount: \$171.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8-2532-26A5C-1926CFE011-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C Continued ... | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00068 | 5 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | DCN-LineID 1926CFE011-001 Quantity: 0 Amount: \$20,000.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPW-2532-26A5C-1926CFE010-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE010-001 Quantity: 0 Amount: \$39,261.00 NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPW-2532-26A6A-1926CFE008-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 1926CFE008-001 Quantity: 0 Amount: \$31,960.00 NEW ACCOUNTING CODE ADDED: Account code: 19-20-B-53G6-000A46-2505-1953GP9012-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) B Budget Organization 53G6 Program (PRC) 000A46 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1953GP9012-001 Quantity: 0 Amount: \$130,000.00 Continued ... | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00068 | 6 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-56H2-000A61-2505-1956H9E010-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 56H2 Program (PRC) 000A61 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1956H9E010-001 Quantity: 0 Amount: \$10,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK6XR2-2532-26A5C-1926CFE013-002 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE013-002 Quantity: 0 Amount: \$3,787.01</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8-2532-26A5C-1926CFE013-003 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE013-003 Quantity: 0 Amount: \$231.03</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK8XPW-2532-26A5C-1926CFE013-00 Continued ...</p> | | | | |

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|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00068 | 7 | 9 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>4</p> <p>Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE013-004 Quantity: 0 Amount: \$1,974.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-C-26CF000-000FK9XR5-2532-26A5C-1926CFE013-005</p> <p>Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 26CF000 Program (PRC) 000FK9XR5 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926CFE013-005 Quantity: 0 Amount: \$5,825.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-26XR000-000FK6XR2-2532-26A5C-1926XRE005-001</p> <p>Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 26XR000 Program (PRC) 000FK6XR2 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 1926XRE005-001 Quantity: 0 Amount: \$10,000.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 4LOE</p> <p>Quantity changed from 145000 to 160000</p> <p>Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
 JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | Delivery: 03/31/2019 Delivery Location Code: CPOD CPOD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: NWD Cincinnati OH 45268 USA Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Recapitulation of Funds

Contractor: JACOBS
Contract No.: EP-C-15-008

Recapitulation of Funding

Option Period 3 - From 04/01/2018 to 03/31/2019

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification 0045 | (b)(4) | (b)(4) | \$908,522.89 |
| Modification 0046 | | | \$0.00 |
| Modification 0047 | | | 1,173,530.35 |
| Modification 0048 | | | -183,604.00 |
| Modification 0052 | | | 100,000.00 |
| Modification P00053 | | | 1,343,609.41 |
| Modification P00055 | | | 239,000.00 |
| Modification P00057 | | | 1,289,860.54 |
| Modification P00059 | | | 1,134,869.00 |
| Modification P00060 | | | 1,288,272.00 |
| Modification P00061 | | | 1,462,677.98 |
| Modification P00062 | | | 231,285.00 |
| Modification P00063 | | | 933,227.68 |
| Modification P00064 | | | 0.00 |
| Modification P00065 | | | 154,067.46 |
| Modification P00067 | | | 145,000.00 |
| Modification P00068 | | | 408,568.29 |
| Total Funded | | | \$10,628,886.60 |
| Total Per Contract | | | \$11,224,152.00 |
| Balance Unfunded | | | \$595,265.40 |

| | | | | | | | |
|--|--|------------------------------------|---------------------|---|----------------------|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 7 | | |
| 2. AMENDMENT/MODIFICATION NO. P00069 | | 3. EFFECTIVE DATE See Block 16C | | 4. REQUISITION/PURCHASE REQ. NO. See Schedule | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 | | CODE CAD | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 CODE 007923014 FACILITY CODE | | | | (x) | | | |
| | | | | 9A. AMENDMENT OF SOLICITATION NO. | | | |
| | | | | 9B. DATED (SEE ITEM 11) | | | |
| | | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | | | |
| | | | | 10B. DATED (SEE ITEM 13) 03/20/2015 | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule | | | | | | | |
| Net Increase: \$186,000.00 | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | | | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | | |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | | |
| D. OTHER (Specify type of modification and authority) X Clause H-7 EPAAR 1552.217-71 | | | | | | | |
| E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 007923014 Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina Max Expire Date: 03/31/2020 The purpose of this contract modification is to: 1) Exercise Option Period 4, as detailed below; and 2) incrementally fund Option Period 4 in the amount of \$186,000.00, as detailed below. LIST OF CHANGES: Continued ... Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) | | 16C. DATE SIGNED 03/07/2019 | |

| | | | |
|---------------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00069 | 2 | 7 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Reason for Modification: Exercise an Option</p> <p>Obligated Amount for this Modification: \$186,000.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 5LOE</p> <p>Exercised option</p> <p>CHANGES FOR LINE ITEM NUMBER: 5</p> <p>Obligated Amount for this Modification: \$186,000.00</p> <p>Exercised option</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-261E000-000FK8XPW-2532-26A6F-19261EC900-002</p> <p>Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 261E000 Program (PRC) 000FK8XPW Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6F DCN-LineID 19261EC900-002 Quantity: 0 Amount: \$40,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-261E000-000FK9-2532-26A6F-19261EC900-003</p> <p>Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 261E000 Program (PRC) 000FK9 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6F DCN-LineID 19261EC900-003 Quantity: 0 Amount: \$25,800.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00069 | 3 | 7 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>19-20-C-261E000-000FK8-2532-26A6F-19261EC900-001</p> <p>Beginning FiscalYear 19</p> <p>Ending Fiscal Year 20</p> <p>Fund (Appropriation) C</p> <p>Budget Organization 261E000</p> <p>Program (PRC) 000FK8</p> <p>Budget (BOC) 2532</p> <p>Job # (Site/Project)</p> <p>Cost Organization 26A6F</p> <p>DCN-LineID 19261EC900-001</p> <p>Quantity: 0</p> <p>Amount: \$20,200.00</p> <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:</p> <p>19-20-B-53G6-000A46-2505-1953GP9017-001</p> <p>Beginning FiscalYear 19</p> <p>Ending Fiscal Year 20</p> <p>Fund (Appropriation) B</p> <p>Budget Organization 53G6</p> <p>Program (PRC) 000A46</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1953GP9017-001</p> <p>Quantity: 0</p> <p>Amount: \$100,000.00</p> <p>Section B, Clause 1552.211-73, is revised as follows:</p> <p>1552.211-73 LEVEL OF EFFORT-COST-REIMBURSEMENT TERM CONTRACT. (APR 1984)</p> <p>OPTION PERIOD 4</p> <p>LEVEL OF EFFORT-COST-REIMBURSEMENT TERM CONTRACT (APR 1984)</p> <p>(a) The Contractor shall perform all work and provide all required reports within the level of effort specified below. The Government hereby orders 100,000 direct labor hours for the base period, which represents the Government's best estimate of the level of effort to fulfill these requirements.</p> <p>(b) Direct labor includes personnel such as engineers, scientists, draftsmen, technicians, statisticians, and programmers and not support</p> <p>Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-15-008/P00069 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>personnel such as company management, typists, and key punch operators even though such support personnel are normally treated as direct labor by the Contractor. The level of effort specified in paragraph (a) includes Contractor, subcontractor, and consultant labor hours.</p> <p>(c) If the Contractor provides less than 90 percent of the level of effort specified for the base period or any optional period ordered, an equitable downward adjustment of the fixed fee, if any, for that period will be made. The Government may require the Contractor to provide additional effort up to 110 percent of the level of effort for any period until the estimated cost for that period has been reached. However, this additional effort shall not result in any increase in the fixed fee, if any. If this is a cost-plus-incentive-fee (CPIF) contract, the term "fee" in this paragraph means "base fee and incentive fee." If this is a cost-plus-award-fee (CPAF) contract, the term "fee" in this paragraph means "base fee and award fee."</p> <p>(d) If the level of effort specified to be ordered during a given base or option period is not ordered during that period, that level of effort may not be accumulated and ordered during a subsequent period.</p> <p>(e) These terms and conditions do not supersede the requirements of either the "Limitation of Cost" or "Limitation of Funds" clauses.</p> <p>(End of clause)</p> <p>Section B, Clause EPA-B-16-102, is revised as follows:</p> <p>EPA-B-16-102 ESTIMATED COST AND FIXED FEE</p> <p>OPTION PERIOD 4</p> <p>(a) The estimated cost of this contract is (b)(4)</p> <p>(b) The fixed fee is (b)(4)</p> <p>(c) The total estimated cost and fixed fee is \$7,553,891.00.</p> <p>Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
EP-C-15-008/P00069PAGE OF
5 7NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Section B, Clause EPA-B-32-101, is revised as follows:</p> <p>EPA-B-32-101 LIMITATION OF FUNDS NOTICE</p> <p>OPTION PERIOD 4</p> <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through April 9, 2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>(c) Recapitulation of Funds</p> <p>See attached.</p> <p>Section F: Clause, EPA-F-12-101, is revised as follows:</p> <p>EPA-F-12-101 PERIOD OF PERFORMANCE</p> <p>OPTION PERIOD 4</p> <p>The period of performance of this contract shall be from April 1, 2019 through March 31, 2020 inclusive of all required reports.</p> <p>Delivery: 03/31/2020 Delivery Location Code: CAD CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 USA</p> <p>Continued ...</p> | | | | |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Contract No.: EP-C-15-008 - JACOBS
Recapitulation of Funding
Option Period 4 - From 04/01/2019 to 03/31/2020

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|---------------------------|-----------------------|------------------|----------------------------|
| Modification P00069 | (b)(4) | (b)(4) | \$186,000.00 |
| Total Funded | | | \$186,000.00 |
| Total Per Contract | | | \$7,553,891.00 |
| Balance Unfunded | | | \$7,367,891.00 |

| | | | | | | | |
|--|---|-------------------|--|---|--|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | |
| | | | | | | 1 5 | |
| 2. AMENDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| P00070 | | See Block 16C | | See Schedule | | | |
| 6. ISSUED BY | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| CAD | | | | | | | |
| CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 | | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (x) | | | |
| JACOBS TECHNOLOGY INC. Attn: Jeff Foster 600 WILLIAM NORTHERN BLVD. P.O. BOX 884 TULLAHOMA TN 373880884 | | | | | | | |
| | | | | 9A. AMENDMENT OF SOLICITATION NO. | | | |
| | | | | 9B. DATED (SEE ITEM 11) | | | |
| | | | | x 10A. MODIFICATION OF CONTRACT/ORDER NO. EP-C-15-008 | | | |
| | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE 007923014 | | FACILITY CODE | | 03/20/2015 | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | Net Increase: | | \$560,000.00 | |
| See Schedule | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | |
| X | D. OTHER (Specify type of modification and authority) FAR 52.232-22, Limitation of Funds; Bilateral - Mutual Agreement of the Parties | | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | |
| DUNS Number: 007923014 | | | | | | | |
| Research Laboratory Support for the EPA Office of Research and Development (ORD) at Research Triangle Park (RTP), North Carolina | | | | | | | |
| Max Expire Date: 03/31/2020 | | | | | | | |
| The purpose of this Modification is to: | | | | | | | |
| 1) Remove specific Government Furnished Property (GFP) from the Base Contract property list, as further detailed below; and | | | | | | | |
| 2) Provide incremental funding for Option Period 4, as further detailed below and in the attached Recapitulation of Funds sheet. | | | | | | | |
| Continued ... | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | |
| | | | | Keith Pfeffer | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 04/23/2019 | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-15-008/P00070 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>The GFP hereby removed from the Base Contract EP-C-15-008 property list is as follows:</p> <p>MicroAeth AE51 Decal #: B31068 Quantity: 1</p> <p>OPTION PERIOD 4</p> <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is obligated from estimated cost. Funds in the amount of (b)(4) are provided to cover the corresponding increment of fixed fee. The total cost plus fixed fee obligated is \$560,000.00. The amount allotted for costs is estimated to cover the contractors performance through 5/7/2019.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>LIST OF CHANGES:</p> <p>Obligated Amount for this Modification: \$560,000.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 5</p> <p>Obligated Amount for this Modification: \$560,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 18-19-CR-2640X37-000F72XPC-2532-26A5C-19264BE011-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) CR Budget Organization 2640X37 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 19264BE011-001 Quantity: 0 Amount: \$75,000.00</p> <p>Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED | PAGE | OF |
| | EP-C-15-008/P00070 | 3 | 5 |

NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-2644000-000F72XPC-2532-26A6A-19264PE009-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 2644000 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 19264PE009-001 Quantity: 0 Amount: \$150,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-2660000-000FK9XR6-2532-26A6A-192660E050-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 2660000 Program (PRC) 000FK9XR6 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 192660E050-001 Quantity: 0 Amount: \$300,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 19-20-C-264B000-000F72XPC-2532-26A5C-19264BE012-001 Beginning FiscalYear 19 Ending Fiscal Year 20 Fund (Appropriation) C Budget Organization 264B000 Program (PRC) 000F72XPC Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 19264BE012-001 Quantity: 0 Amount: \$20,000.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: Continued ...</p> | | | | |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED EP-C-15-008/P00070 | PAGE | OF |
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NAME OF OFFEROR OR CONTRACTOR
JACOBS TECHNOLOGY INC.

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | 18-19-C-56H2-000A61-2505-1856H8E097-001 Beginning FiscalYear 18 Ending Fiscal Year 19 Fund (Appropriation) C Budget Organization 56H2 Program (PRC) 000A61 Budget (BOC) 2505 Job # (Site/Project) Cost Organization DCN-LineID 1856H8E097-001 Quantity: 0 Amount: \$15,000.00 Delivery: 03/31/2020 Delivery Location Code: CAD CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 USA Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 | | | | |

Contract No.: EP-C-15-008 - JACOBS
Recapitulation of Funding
Option Period 4 - From 04/01/2019 to 03/31/2020

| <u>Funding Action</u> | <u>Estimated Cost</u> | <u>Fixed Fee</u> | <u>Cost Plus Fixed Fee</u> |
|----------------------------|-----------------------|------------------|----------------------------|
| Modification P00069 | (b)(4) | (b)(4) | \$186,000.00 |
| Modification P00070 | | | \$560,000.00 |
| Total Funded | | | \$746,000.00 |
| Total Per Contract | | | \$7,553,891.00 |
| Balance Unfunded | | | \$6,807,891.00 |